

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings of claims in the application:

Claims 1-12 (Cancelled)

Claim 13 (Previously presented): A treatment method for aortic valvular regurgitation associated with an aortic valve having an aortic annulus, an aortic lumen and a sinotubular junction, comprising:

implanting an inner discontinuous band stabilizer inside the aortic lumen proximate the aortic annulus of the aortic valve, wherein the inner discontinuous band stabilizer comprises a sewing passage wherein a portion of the inner discontinuous band stabilizer is thinner than surrounding portions of the inner discontinuous band stabilizer;

implanting an outer discontinuous band stabilizer outside the aortic lumen proximate the aortic annulus of the aortic valve;

implanting an inner continuous ring stabilizer proximate an interior surface of the sinotubular junction of the aortic valve, wherein the inner continuous ring stabilizer comprises a sewing passage wherein a portion of the inner continuous ring stabilizer is thinner than surrounding portions of the inner continuous ring stabilizer; and

implanting an outer continuous ring stabilizer proximate an exterior surface of the sinotubular junction of the aortic valve.

Claim 14 (Cancelled)

Claim 15 (Previously presented): The treatment method for aortic valvular regurgitation as set forth in claim 13, wherein the outer continuous ring stabilizer comprises three equally spaced markers on its circumference.

Claim 16 (Previously presented): The treatment method for aortic valvular regurgitation as set forth in claim 13, wherein the outer discontinuous band stabilizer comprises vertical marks about 2mm from each free end thereof.

Claims 17-22 (Cancelled).

Claim 23 (Previously presented): The treatment method for aortic valvular regurgitation as set forth in claim 13, wherein no graft or prosthetic flexible tubular structure is used between the outer discontinuous band stabilizer and the outer continuous ring stabilizer.

Claims 24-27 (Cancelled)

Claim 28 (Previously presented): The method of claim 13 wherein the outer continuous ring stabilizer, the inner continuous ring stabilizer, the outer discontinuous band stabilizer, and the inner discontinuous band stabilizer each comprise a synthetic fiber.

Claim 29 (Previously presented): A treatment method for aortic valvular regurgitation associated with an aortic valve having an aortic annulus, an aortic lumen and a sinotubular junction, comprising:

- implanting an inner discontinuous band stabilizer inside the aortic lumen proximate the aortic annulus of the aortic valve;

- implanting an outer discontinuous band stabilizer outside the aortic lumen proximate the aortic annulus of the aortic valve;

- implanting an inner continuous ring stabilizer proximate an interior surface of the sinotubular junction of the aortic valve; and

- implanting an outer continuous ring stabilizer proximate an exterior surface of the sinotubular junction of the aortic valve, wherein the outer continuous ring stabilizer, the inner continuous ring stabilizer, the outer discontinuous band stabilizer, and the inner discontinuous band stabilizer each comprise a synthetic fiber.

Claim 30 (Previously presented): A treatment method for aortic valvular regurgitation associated with an aortic valve having an aortic annulus, an aortic lumen and a sinotubular junction, comprising:

implanting an inner discontinuous band stabilizer inside the aortic lumen proximate the aortic annulus of the aortic valve, wherein the inner discontinuous band stabilizer comprises vertical marks about 2mm from each free end thereof;

implanting an outer discontinuous band stabilizer outside the aortic lumen proximate the aortic annulus of the aortic valve, wherein the outer discontinuous band stabilizer comprises vertical marks about 2mm from each free end thereof;

implanting an inner continuous ring stabilizer proximate an interior surface of the sinotubular junction of the aortic valve; and

implanting an outer continuous ring stabilizer proximate an exterior surface of the sinotubular junction of the aortic valve.